

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-50 (canceled).

51. (new): A method for improving performances of a mobile radiocommunication system using a power control algorithm for controlling a transmit power according to a transmission quality target value, said method comprising:

upon receipt of a power control command, determining if a significant change in the required transmit power has just occurred; and

if the significant change in the required transmit power has just occurred, changing the transmit power according to a change including a corresponding change in the required transmission quality target value, in addition to a change according to said power control command.

52. (new): A method according to claim 51, wherein said significant change in the required transmit power corresponds to the use of transmission in compressed mode.

53. (new): A mobile station for a mobile radiocommunication system using a power control algorithm for controlling a transmit power according to a transmission quality target value, said mobile station comprising:

means for, upon the reception of a power control command, determining if a significant change in the required transmit power has just occurred; and

means for, if a significant change in the required transmit power has just occurred, changing the transmit power according to a change including a corresponding change in the required transmission quality target value, in addition to a change according to said power control command.

54. (new): A mobile station according to claim 53, wherein said significant change in the required transmit power corresponds to the use of transmission in compressed mode.

55. (new): A mobile radiocommunication network entity for a mobile radiocommunication system using a power control algorithm for controlling a transmit power according to a transmission quality target value, said mobile radiocommunication network entity comprising:

means for, upon the reception of a power control command, determining if a significant change in the required transmit power has just occurred; and

means for, if a significant change in the required transmit power has just occurred, changing the transmit power according to a change including a corresponding change in the required transmission quality target value, in addition to a change according to said power control command.

56. (new): A mobile radiocommunication network entity according to claim 55, wherein said significant change in the required transmit power corresponds to the use of transmission in compressed mode.

57. (new): A mobile radiocommunication system, comprising at least one mobile station according to claim 53.

58. (new): A mobile radiocommunication system, comprising at least one mobile radiocommunication network entity according to claim 55.